SETUP & OPERATION MANUAL

PORTABLE 2 STAGE DUST COLLECTOR – 1 1/2 HP

FEATURES

- Simple design for easy set-up and maintenance.
- Efficient collection and separation of large chips which drop into the collector drum before reaching the impeller.
- High quality motor designed specifically for heavy duty use and long service life.
- Remote control for convenient operation from virtually anywhere in the shop.
- 1-15 hours Pre-programmed timer run settings in 1 hour increments.
- Equipped with an ultra efficient 1 micron canister filter with total surface area of 48.4 square feet.
- Canister filter equipped with crank handle/internal shaker for easy filter cleaning without removing bag.
- Sturdy steel support frame and collection drum both equipped with casters for complete mobility within the shop.
- 30 gallon chip collection drum included.

SPECIFICATIONS

AIRFLOW CAPACITY
611 CFM

BLOWER WHEEL DIAMETER
13” (330 MM)

SOUND RATING
80 DB

INLET DIAMETER
(1) 5” (127 MM)
OR (2) 4” (102 MM)

STATIC PRESSURE
10” OF WATER

CANISTER FILTER (DIA X H)
15 3⁄4” X 19 3⁄4” (400 X 502 MM)

OVERALL DIMENSIONS (L X W X H)
52 3⁄4” X 32” X 70”
(1340 X 810 X 1780 MM)

MOTOR
1 1⁄2 HP, 110 V, 12 A

WEIGHT
198 LBS (90 kg)

MODEL
10-800CF MI

GENERAL
GENERAL INTERNATIONAL

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THANK YOU for choosing this General® International model 10-800CF M1 1 1/2 HP Portable 2 Stage Dust Collector. This dust collector has been carefully tested and inspected before shipment and if properly used and maintained, will provide you with years of reliable service. For your safety, as well as to ensure optimum performance and trouble-free operation, and to get the most from your investment, please take the time to read this manual before assembling, installing and operating the unit.

The manual's purpose is to familiarize you with the safe operation, basic function, and features of this dust collector as well as the set-up, maintenance and identification of its parts and components. This manual is not intended as a substitute for formal woodworking instruction, nor to offer the user instruction in the craft of woodworking. If you are not sure about the safety of performing a certain operation or procedure, do not proceed until you can confirm, from knowledgeable and qualified sources, that it is safe to do so.

Once you've read through these instructions, keep this manual handy for future reference.

Disclaimer: The information and specifications in this manual pertain to the unit as it was supplied from the factory at the time of printing. Because we are committed to making constant improvements, General® International reserves the right to make changes to components, parts or features of this unit as deemed necessary, without prior notice and without obligation to install any such changes on previously delivered units. Reasonable care is taken at the factory to ensure that the specifications and information in this manual corresponds with that of the unit with which it was supplied. However, special orders and "after factory" modifications may render some or all information in this manual inapplicable to your machine. Further, as several generations of this model of dust collector and several versions of this manual may be in circulation, if you own an earlier or later version of this unit, this manual may not depict your machine exactly. If you have any doubts or questions contact your retailer or our support line with the model and serial number of your unit for clarification.

GENERAL® & GENERAL® INTERNATIONAL WARRANTY

All component parts of General®, General® International and Excalibur by General International ® products are carefully inspected during all stages of production and each unit is thoroughly inspected upon completion of assembly.

Limited Lifetime Warranty

Because of our commitment to quality and customer satisfaction, General® and General® International agree to repair or replace any part or component which upon examination, proves to be defective in either workmanship or material to the original purchaser for the life of the tool. *However, the Limited Lifetime Warranty does not cover any product used for professional or commercial production purposes nor for industrial or educational applications. Such cases are covered by our Standard 2-year Limited Warranty only. The Limited Lifetime Warranty is also subject to the "Conditions and Exceptions" as listed below.*

Standard 2-Year Limited Warranty

All products not covered by our lifetime warranty including products used in commercial, industrial and educational applications are warranted for a period of 2 years (24 months) from the date of purchase. General® and General® International agree to repair or replace any part or component which upon examination, proves to be defective in either workmanship or material to the original purchaser during this 2-year warranty period, subject to the "conditions and exceptions" as listed below.

To file a Claim

To file a claim under our Standard 2-year Limited Warranty or under our Limited Lifetime Warranty, all defective parts, components or machinery must be returned freight or postage prepaid to General® International, or to a nearby distributor, repair center or other location designated by General® International. For further details call our service department at 1-888-949-1161 or your local distributor for assistance when filing your claim.

Along with the return of the product being claimed for warranty, a copy of the original proof of purchase and a "letter of claim" must be included (a warranty claim form can also be used and can be obtained, upon request, from General® International or an authorized distributor) clearly stating the model and serial number of the unit (if applicable) and including an explanation of the complaint or presumed defect in material or workmanship.

CONDITIONS AND EXCEPTIONS:

This coverage is extended to the original purchaser only. Prior warranty registration is not required but documented proof of purchase i.e. a copy of original sales invoice or receipt showing the date and location of the purchase as well as the purchase price paid, must be provided at the time of claim.

Warranty does not include failures, breakage or defects deemed after inspection by General® or General® International to have been directly or indirectly caused by or resulting from; improper use, or lack of or improper maintenance, misuse or abuse, negligence, accidents, damage in handling or transport, or normal wear and tear of any generally considered consumable parts or components.

Repairs made without the written consent of General® International will void all warranty.

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RULES FOR SAFE OPERATION

To help ensure safe operation, please take a moment to learn the machine's applications and limitations, as well as potential hazards. General® International disclaims any real or implied warranty and holds itself harmless for any injury that may result from improper use of its equipment.

1. Do not operate the dust collector when tired, distracted, or under the effects of drugs, alcohol or any medication that impairs reflexes or alertness.

2. The working area should be well lit, clean and free of debris.

3. Keep children and visitors at a safe distance when the dust collector is in operation; do not permit them to operate the dust collector.

4. Childproof and tamper proof your shop and all machinery with locks, master electrical switches and switch keys, to prevent unauthorized or unsupervised use.

5. **Stay alert!** Give your work your undivided attention. Even a momentary distraction can lead to serious injury.

6. Fine particulate dust is a carcinogen that can be hazardous to health. Work in a well-ventilated area and wear face, eye, ear, respiratory and body protection devices.

7. Do not wear loose clothing, gloves, bracelets, necklaces or other jewelry while the dust collector is in operation. Wear protective hair covering to contain long hair and wear non-slip footwear.

8. Do not insert hands, fingers or any foreign objects into ventilation inlet and outlet openings.

9. Do not operate this machine without a canister filter properly installed on the unit.

10. Clean filter on a regular basis and replace as needed.

11. Do not handle the electrical plug with wet hands.

12. Do not use this unit outdoors, on or near wet surfaces.

13. Always turn on the dust collector before starting the dust producing machine. Always turn off the dust producing machine before turning off the dust collector.

14. Do not vacuum anything that is burning, smoking or smoldering such as cigarettes, matches or hot ashes.

15. Do not vacuum or use this dust collector near flammable or combustible liquids, gases, gasoline or other fuels, lighter fluid, cleaners, oil or solvent based paints, natural gas, hydrogen or explosive dusts like coal dust, magnesium dust, grain dust or gun powder.

16. Do not operate the unit until a dust hose is installed onto the hose inlet.

17. Never leave the machine unattended while it is running or with the power on.

18. To avoid health hazards from vapors or dusts, do not vacuum toxic material.

19. Use only recommended accessories. Use of accessories NOT recommended by GENERAL® INTERNATIONAL may result in a risk of injury or damage to the machine.

20. Always disconnect the unit from the power source before servicing, performing any maintenance or repairs and when changing bags or hoses, or if the machine will be left unattended.

21. Make sure that the switch is in the "OFF" position before plugging in the power cord.

22. Make sure the tool is properly grounded. If equipped with a 3-prong plug, it should be used with a three-pole receptacle. Never remove the third prong.

23. Do not use this dust collector for any purpose other than its intended use. If used for other purposes, GENERAL® INTERNATIONAL disclaims any real or implied warranty and holds itself harmless for any injury, which may result from that use.

Additional Safety Instructions

Specific to this Dust Collector

Because each shop situation is unique, no list of safety guidelines can ever be complete. The most important safety feature in any shop is the knowledge and good judgement of the user. Use common sense and always keep safety considerations, as they apply to your individual shop situation first and foremost in mind. If you have any doubts about the safety of an operation you are about to perform: STOP! Do not perform the operation until you have validated from qualified individuals if the operation is safe to perform and what is the safest method to perform it.

1. Make sure that the operator has been properly trained and has read, and understands the owners manual before operating any machinery.

2. This dust collector is intended for indoor use for dry dust collection only. To limit the risk of electrical shock, do not use this unit outdoors or on or near wet surfaces, and do not use this unit to collect or vacuum liquids, nor wet or damp materials.

3. Always unplug the machine from the power source before servicing, unclogging or cleaning the unit.

4. Fine particulate dust is a carcinogen that can be hazardous to health. Work in a well-ventilated area and wear face, eye, ear, respiratory and body protection devices.

5. Do not operate this dust collector with a damaged or malfunctioning switch; replace a damaged or malfunctioning switch immediately.

6. Protect the power cord from damage. Be mindful of the location of the power cord particularly when moving the dust collector. Avoid crushing, rolling over, stepping on, cutting or in any way kinking or damaging the cord or it's plug. Avoid power cord contact with oil, grease, hot surfaces or corrosive chemicals or substances. Do not operate this dust collector with a damaged power cord or plug. Replace a damaged power cord or plug at the first signs of damage.

7. Before connecting the machine to the power source, verify that the voltage of your power supply corresponds with the voltage specified on the motor I.D. nameplate. A power source with greater voltage than needed can result in serious injury to the user as well as damage to the machine. If in doubt, contact a qualified electrician before connecting to the power source.

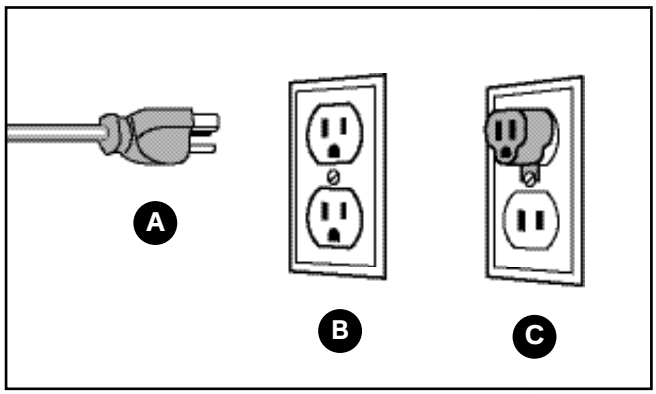
8. The high speed blower fan inside the blower housing can amputate fingers, grab loose clothes or neckties. DO NOT insert fingers or any foreign object into the blower housing.

9. The sound level of this machine is rated at approximately 80 db during operation. Make sure that adequate hearing protection is used and that the overall sound level within the work environment is taken into consideration.

ELECTRICAL REQUIREMENTS

BEFORE CONNECTING THE MACHINE TO THE POWER SOURCE, VERIFY THAT THE VOLTAGE OF YOUR POWER SUPPLY CORRESPONDS WITH THE VOLTAGE SPECIFIED ON THE MOTOR I.D. NAMEPLATE. A POWER SOURCE WITH GREATER VOLTAGE THAN NEEDED CAN RESULT IN SERIOUS INJURY TO THE USER AS WELL AS DAMAGE TO THE MACHINE. IF IN DOUBT, CONTACT A QUALIFIED ELECTRICIAN BEFORE CONNECTING TO THE POWER SOURCE.

THIS TOOL IS FOR INDOOR USE ONLY. DO NOT EXPOSE TO RAIN OR USE IN WET OR DAMP LOCATIONS.



GROUNDING INSTRUCTIONS

In the event of an electrical malfunction or short circuit, grounding reduces the risk of electric shock. The motor of this machine is wired for 110V single phase operation and is equipped with a 3-conductor cord and a 3-prong grounding plug **A** to fit a grounded type receptacle **B**. Do not remove the 3rd prong (grounding pin) to make it fit into an old 2-hole wall socket or extension cord. If an adaptor plug is used **C**, it must be attached to the metal screw of the receptacle.

Note: The use of an adaptor plug is illegal in some areas. Check your local codes. If you have any doubts or if the supplied plug does not correspond to your electrical outlet, consult a qualified eletrician before proceeding.

CIRCUIT CAPACITY

Make sure that the wires in your circuit are capable of handling the amperage draw from your machine, as well as any other machines that could be operating on the same circuit. If you are unsure, consult a qualified electrician. If the circuit breaker trips or the fuse blows regularly, your machine may be operating on a circuit that is close to its amperage draw capacity. However, if an unusual amperage draw does not exist and a power failure still occurs, contact a qualified technician or our service department.

EXTENSION CORDS

If you find it necessary to use an extension cord with your machine, use only 3-wire extension cords that have 3-prong grounding plug and a matching 3-pole receptacle that accepts the tool's plug. Repair or replace a damaged extension cord or plug immediately.

Make sure the cord rating is suitable for the amperage listed on the motor I.D. plate. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. The accompanying chart shows the correct size extension cord to be used based on cord length and motor I.D. plate amp rating. If in doubt, use the next heavier gauge. The smaller the number, the heavier the gauge.

TABLE - MINIMUM GAUGE FOR CORD

AMPERE RATING	TOTAL LENGTH OF CORD IN FEET				
	110 VOLTS	25 FEET	50 FEET	100 FEET	150 FEET
	220 VOLTS	50 FEET	100 FEET	200 FEET	300 FEET
	AWG				
< 5	------->	18	16	16	14
6 TO 10	------->	18	16	14	12
10 TO 12	------->	16	16	14	12
12 TO 16	------->	14	12	* NR	* NR

*** NR = Not Recommended**

IDENTIFICATION OF MAIN PARTS AND COMPONENTS

A- CONTROL PANEL
B- FAN HOUSING
C- HOSE INLET
D- CYCLONE SEPARATOR
E- UPPER LEGS
F- UPPER CROSS BRACES
G- 7" FLEXIBLE HOSE
H- LOWER LEGS
I- CHIP COLLECTION DRUM ASS'Y
J- LEG CASTERS
K- COLLECTION DRUM CASTERS
L- LOWER CROSS BRACES
M- CANISTER FILTER HANGERS
N- MOTOR
O- 6" MAIN OUTLET
P- 6" FLEXIBLE HOSE
Q- CANISTER FILTER HANDLE
R- CANISTER FILTER
S- BAG CLAMP
T- COLLECTOR BAG

UNPACKING AND PREPARATION FOR SET-UP & ASSEMBLY

Use caution and wear gloves when handling metal parts such as the belt clamps, which can cut if handled carelessly.

This model 10801CF M1 is very heavy. Do not overexert. The help of at least one assistant or a forklift will be needed for the following steps. To limit the risk of serious injury or damage to the machine, any equipment used to lift this machine should have a rated capacity in excess of 198 lbs - 90 kg.

ADDITIONAL REQUIREMENTS FOR SET UP

- 1 extra person for help with lifting
- Small & large Phillips Screwdriver
- 10 & 14 mm open end or socket wrenches
- Utility knife

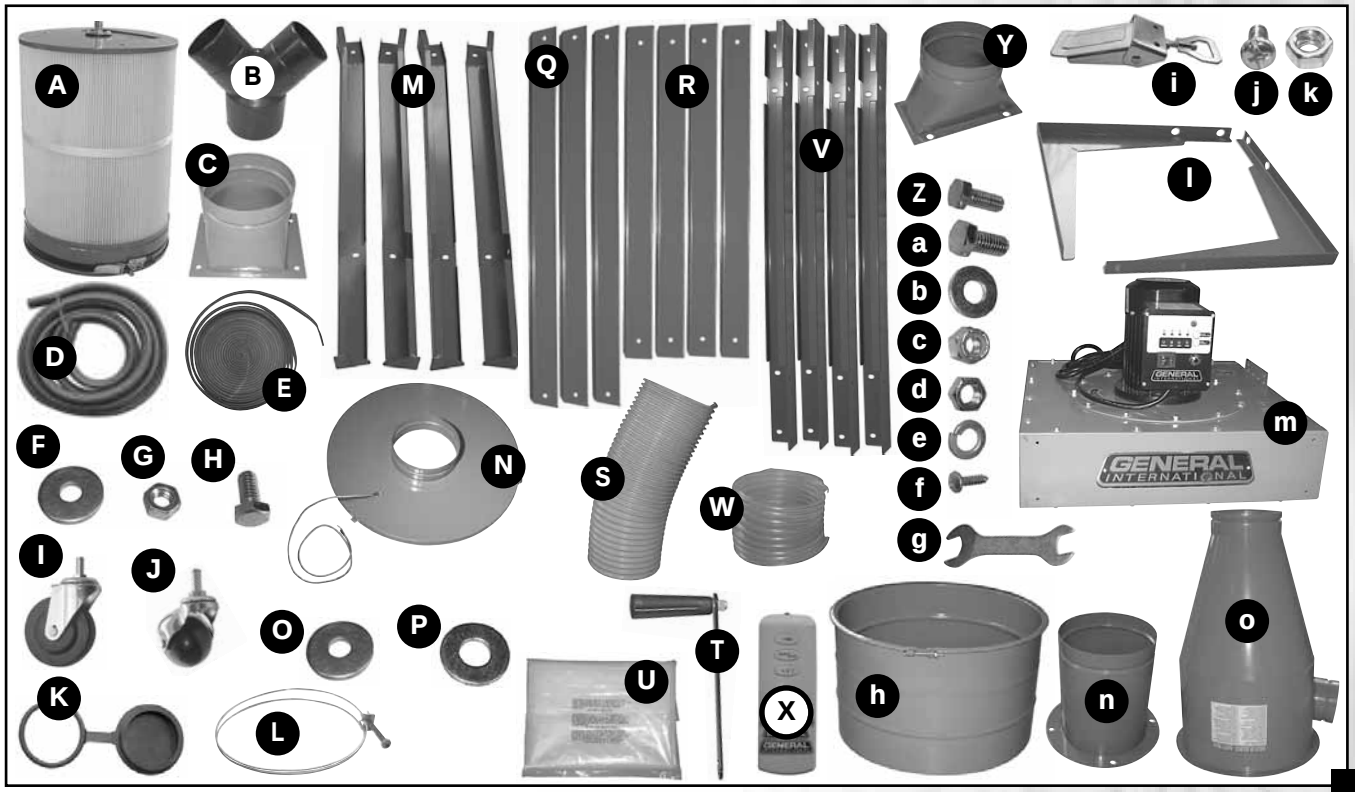
UNPACKING

Carefully unpack and remove the unit and its components from its shipping containers and check for missing or damaged items as per the list of contents below.

Note: Please report any damaged or missing items to your General® International distributor immediately.

LIST OF CONTENTS — QTY

A - CANISTER FILTER 1
B - Y-FITTING / INLET 1
C - 6" OUTLET 1
D - RUBBER SEAL 1
E - 3 X 6 MM FOAM GASKET ROLL 1
F - 10 MM FLAT WASHER 82
G - 10 MM HEX NUT 22
H - 10 MM HEX HEAD BOLT 64
I - CASTERS (LEGS) 4
J - CASTERS (DRUM) 4
K - 4" END CAP 1
L - 6" HOSE CLAMP 2
- 7" HOSE CLAMP 2
M - LOWER LEG 4
N - COLLECTOR DRUM LID 1
O - 10 MM FLAT WASHER 4
P - 14 MM FLAT WASHER 20
Q - LOWER CROSS BRACE 3
R - UPPER CROSS BRACE 4
S - 6" FLEXIBLE HOSE 1
T - CANISTER FILTER HANDLE 1
U - PLASTIC COLLECTOR BAG 2
V - UPPER LEG 4
W - 7" FLEXIBLE HOSE 1
X - REMOTE CONTROL 1
Y - 6" FILTER OUTLET 1
Z - 12 MM HEX HEAD BOLT 1
a - 14 MM HEX HEAD BOLT 4
b - 12 MM FLAT WASHER 1
c - 14 MM HEX LOCK NUT 4
d - 14 MM HEX NUT 4
e - 14 MM LOCK WASHER 4
f - M4 METAL SCREW 3
g - 12-14 MM OPEN END WRENCH 1
h - CHIP COLLECTION DRUM 1
i - LID LATCH 3
j - PHILLIPS HEAD SCREW (for drum latches) 6
k - HEX NUT (for drum latches) 6
l - HANGER (LEFT AND RIGHT) 2
m - BLOWER/FAN HOUSING 1
n - AIR FLOW PIPE 1
o - CYCLONE SEPARATOR 1

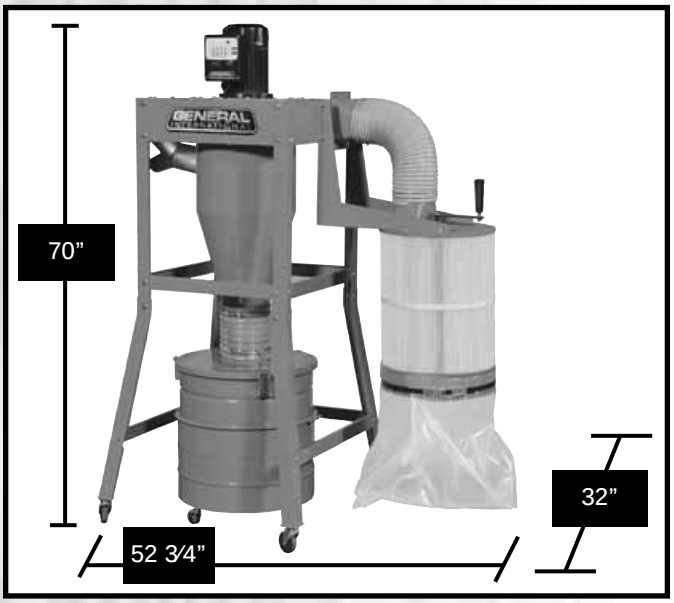


SHOP PLACEMENT / SPACE CONSIDERATIONS

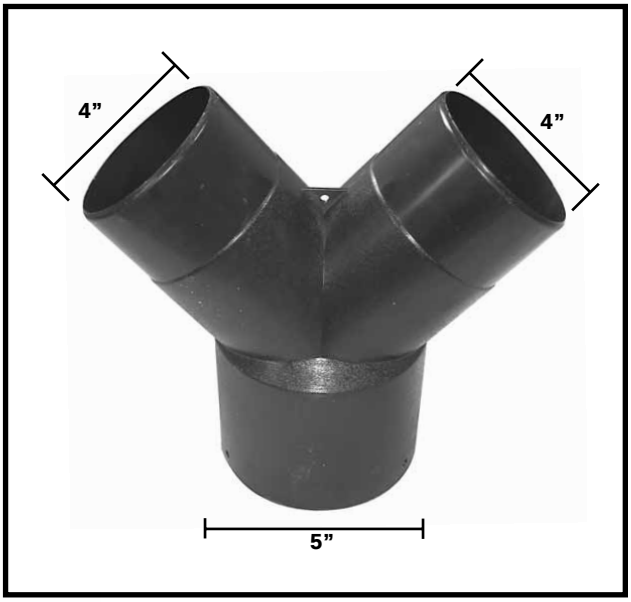
Because each shop situation is unique, the following factors should be taken into consideration when determining and before deciding on the ideal installation to best suit your shop dust collection needs.

The unit should be installed as close to the dust source(s) as possible. This unit is mounted on casters and as such the dust collector can be moved from one location to another within the shop if a permanent installation location is not practical or desired.

In all cases the unit should be installed on a flat, sturdy and stable surface that is able to support the weight of the unit (198 lbs - 90 kg) as well as the weight of the operator. The casters should be blocked to prevent the unit from moving when it is in use.



Consider the space requirements for the unit and its use when deciding where to install your dust collector in your shop.

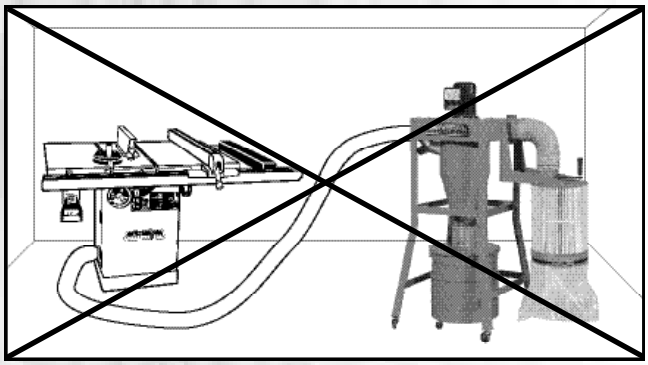


This model 10-800CF M1 is equipped with a 5" main hose inlet that is fitted with a dual-inlet "Y" fitting allowing you to connect up to two 4" dust hoses.

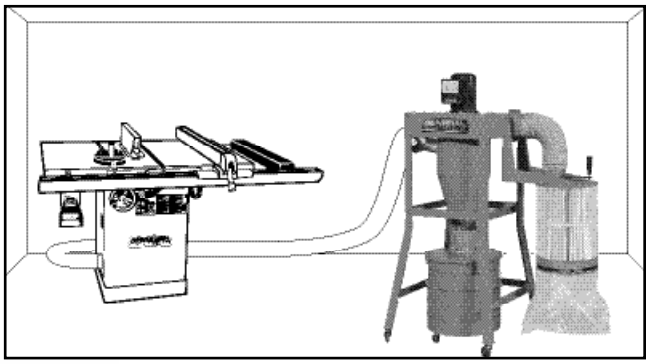
LAYING OUT A PLAN FOR THE PIPING:

For permanent installations it is advisable to map out a rough layout of your planned installation starting from the dust collector out to all the machines that you wish to connect to the system. You may vary your layout to suit your specific shop needs and may choose to use metal or plastic ducting, or flexible hose in any combination as suited to your needs.

Note: To avoid accidents as well as damage to ducting or hoses, plan your installation with hoses and ducting running along walls or mounted from above wherever possible. See the accompanying examples of non-recommended and re-commended installations.



Wherever possible avoid running hoses and ducting along the floor.



Keep hoses and ducting safely mounted along the walls.

HOSES AND DUCTING RUNNING ALONG THE SHOP FLOOR BETWEEN MACHINERY CAN CAUSE USERS TO TRIP AND LEAD TO SERIOUS INJURY.

ASSEMBLY INSTRUCTIONS

- **SERIOUS PERSONAL INJURY COULD OCCUR IF YOU CONNECT THE MACHINE TO THE POWER SOURCE BEFORE YOU HAVE COMPLETED THE SETUP PROCESS. DO NOT HOOK-UP THE MACHINE TO A POWER SOURCE UNTIL INSTRUCTED TO DO SO.**
- **BE SURE TO READ AND UNDERSTAND THIS ENTIRE MANUAL.**
- **USE CAUTION AND WEAR GLOVES WHEN HANDLING METAL PARTS SUCH AS THE BELT CLAMPS, WHICH CAN CUT IF HANDLED CARELESSLY.**
- **THE SOUND LEVEL OF THIS MACHINE IS RATED AT APPROXIMATELY 80 DB DURING OPERATION. MAKE SURE THAT ADEQUATE HEARING PROTECTION IS USED AND THAT THE OVERALL SOUND LEVEL WITHIN THE WORKING ENVIRONMENT IS TAKEN INTO CONSIDERATION.**

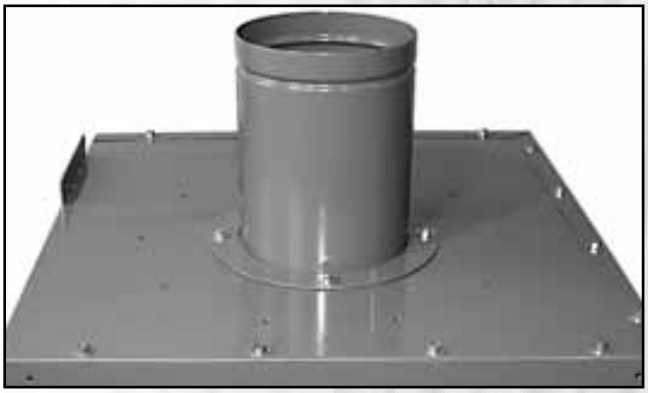
Hardware/Tools Needed for the following steps*:

- 10 mm Hex Head Bolts
- 10 mm Flat Washers
- 10 mm Hex Nuts
- 10 mm open end or socket wrench

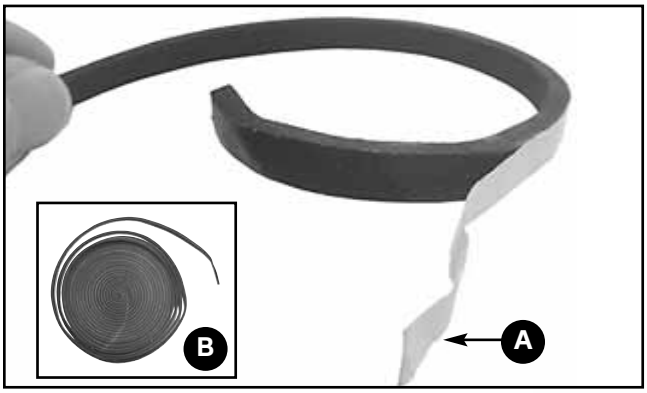
Tighten all bolts securely with a 10 mm open end or socket wrench.

* Except where specified otherwise.

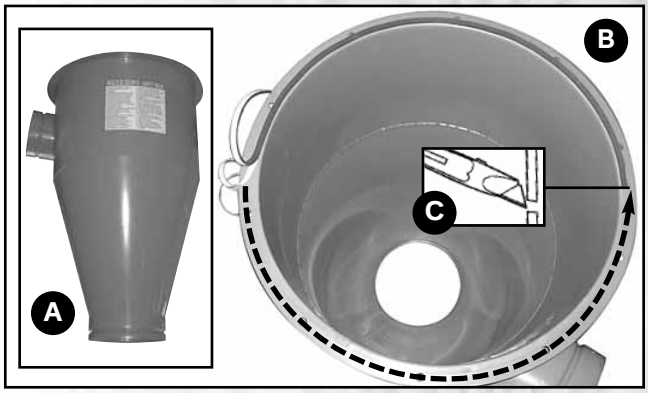
1. Carefully turn the fan/motor assembly upside down.



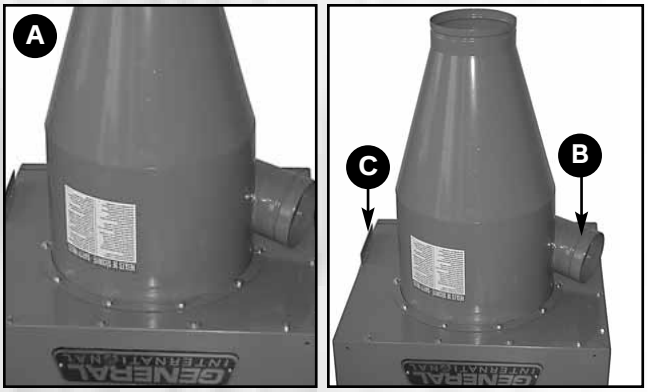
2. Attach the air flow pipe to the fan housing using 4 bolts and 4 flat washers.



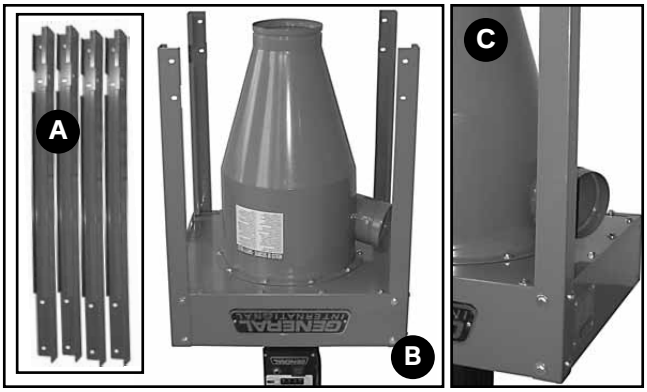
3. Remove the first inch (approx.) of backing strip **A** from the start of the foam gasket **B**.



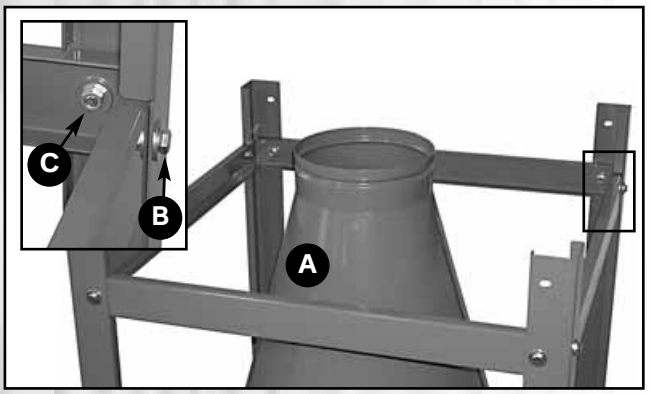
4. Gradually remove the rest of the backing as you stick the foam gasket around the opening of the cyclone separator **A**, as shown in **B**. Trim off excess tape wih a knife or scissors, **C**.



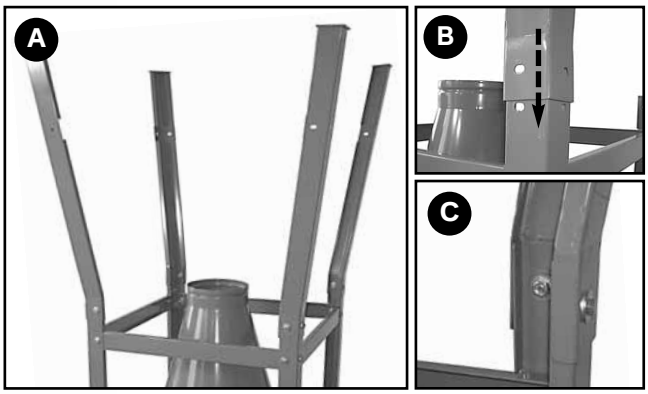
5. Attach the cyclone separator to the fan housing using 10 bolts and 10 flat washers as shown in **A**, with the connection outlet **B** facing the side opposite to the mounting bracket **C**.



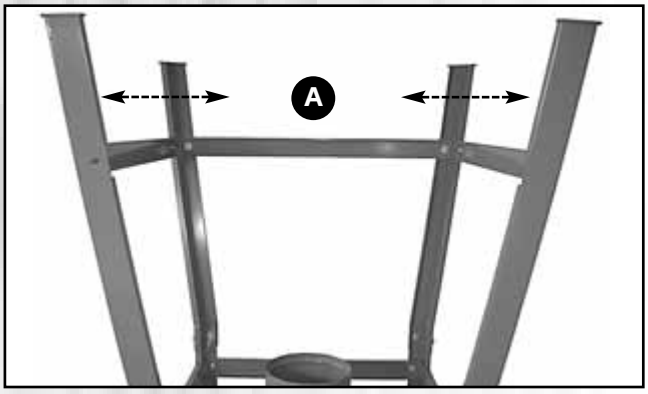
6. Attach the 4 upper legs **A** to the fan housing as shown in **B**, using 16 bolts and 16 flat washers (4 per legs, **C**).



7. Attach the 4 upper cross braces on the inside of the legs as shown in **A**, using 8 bolts, 8 hex nuts and 16 flat washers (1 bolt & washer on the outside **B**, and 1 washer and nut on the inside **C**).

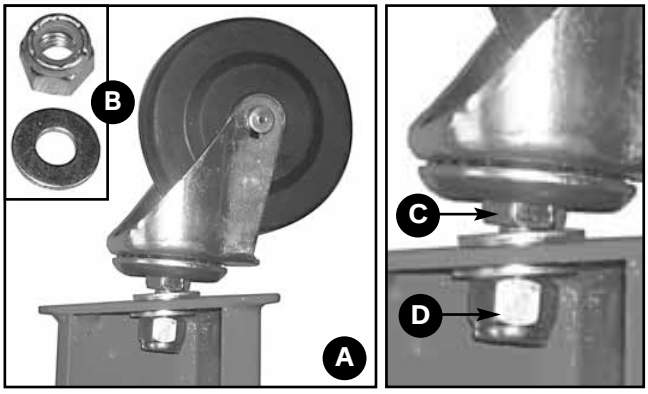


8. Attach the 4 lower legs to the outside of the upper legs as shown in **A**, sliding the lower legs over the upper legs, **B**, then aligning the holes and securing with 8 bolts, 8 hex nuts and 16 flat washers (1 bolt & washer on the outside and 1 washer and nut on the inside **C**).



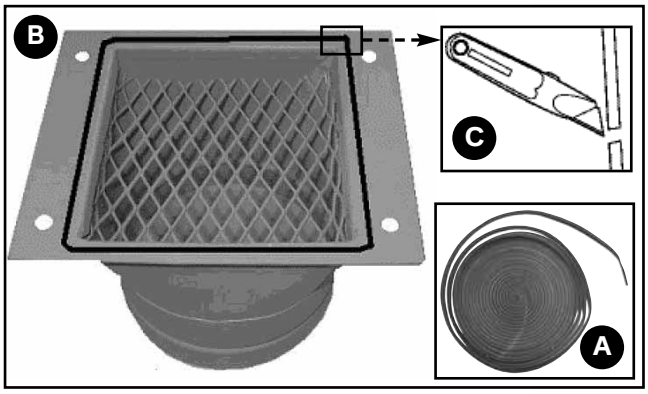
9. Attach the 3 lower cross braces to the inside of the lower legs (rear and both sides), using 6 bolts, 6 hex nuts and 12 washers.

Note: When attaching the cross braces, you may need to manually adjust the distance between legs slightly, A, to line-up the holes.

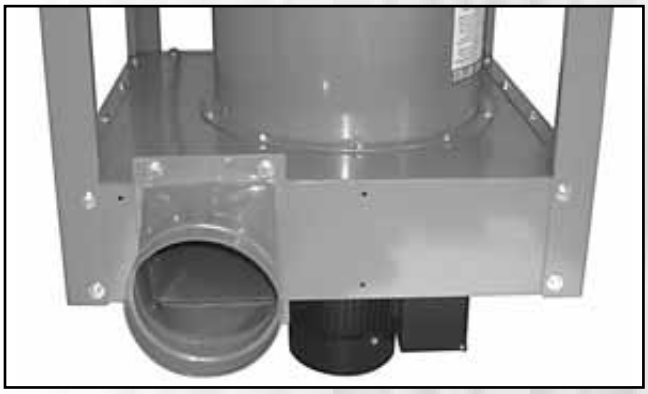


10. Attach the 4 casters to the lower legs as shown in **A**, using 4 x 14 mm lock nuts and 8 x 14 mm flat washers **B**.

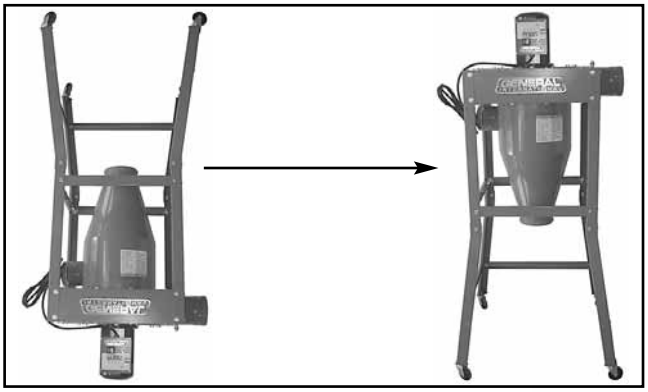
11. Tighten the nuts securely, holding the head of the bolts **C** with the supplied thin 14 mm open end wrench to keep it from turning while tightening the lock nuts **D** using a regular 14 mm wrench.



12. Stick some foam gasket **A** around the opening of the 6" Outlet as shown in **B**. Trim off excess gasket with a knife or scissors, **C**.

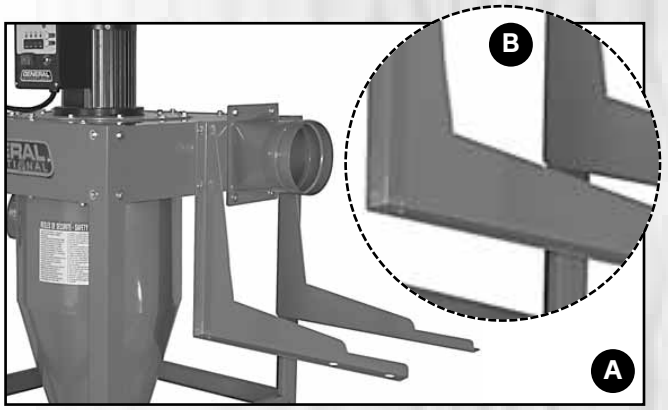


13. Attach the 6" outlet to the right side of the fan housing with 4 bolts and 4 flat washers.

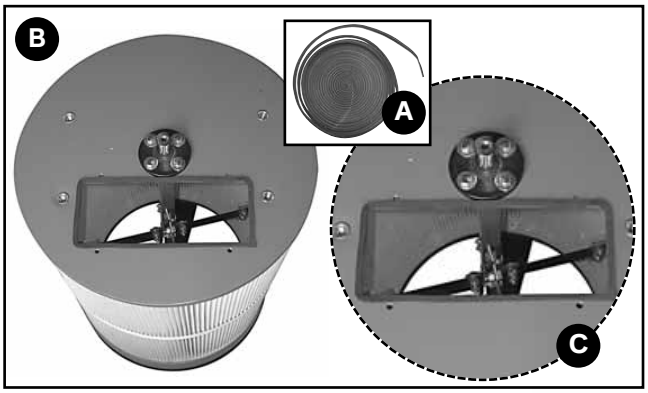


HELP WITH LIFTING WILL BE NEEDED AT THIS TIME. THE COLLECTOR BODY IS HEAVY - DO NOT OVEREXERT.

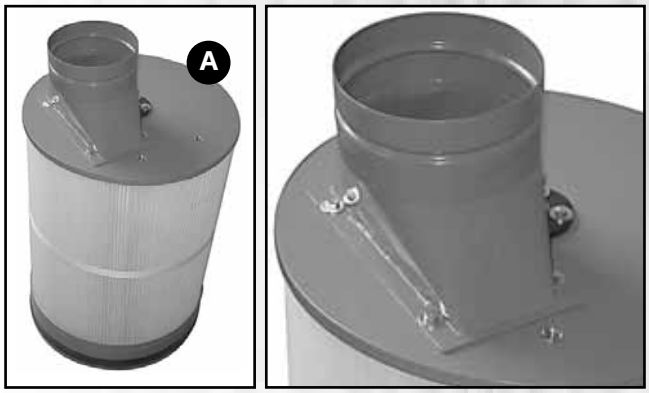
14. With the help of an assistant, carefully turn the collector body assembly right side up.



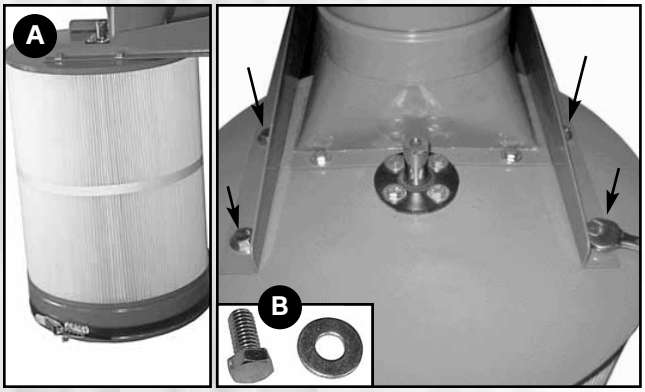
15. Attach the L-type hangers to the mounting holes on the right side of the fan housing as shown in **A**, using 4 bolts and 4 flat washers, with the flat side of the hangers facing each other, **B**.



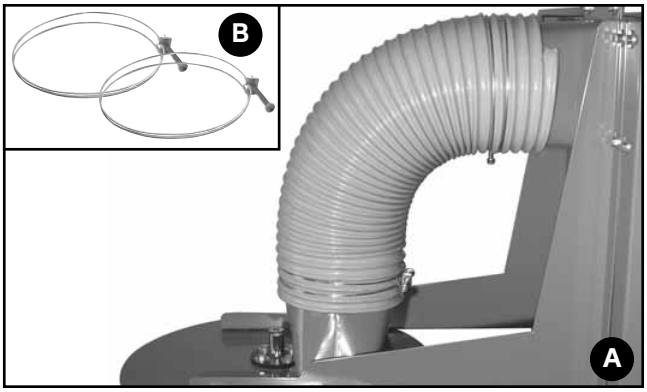
16. Stick some foam gasket **A** around the opening of Canister Filter **B** as shown in **C**. Trim off excess gasket wih a knife or scissors.



17. Attach the filter outlet to the filter using 4 bolts and 4 flat washers.

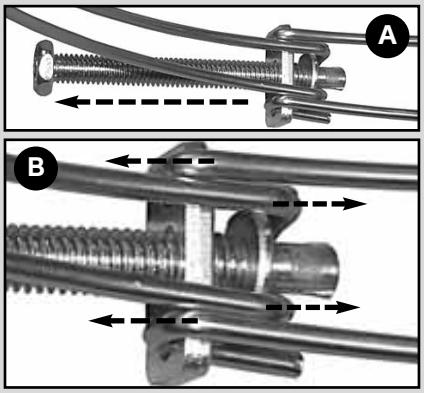


18. Attach the canister filter to the hangers, **A**, using 4 x 14 mm bolts and flat washers **B**. Tighten the bolts securely.

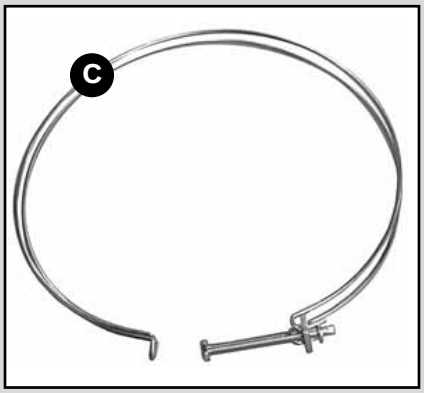


19. Install one end of the 6" flexible hose **A** on the filter outlet and the other end on the fan housing 6" outlet **A**. Secure in place using the two 6" hose clamps **B**. (If needed, refer to section in gray below.)

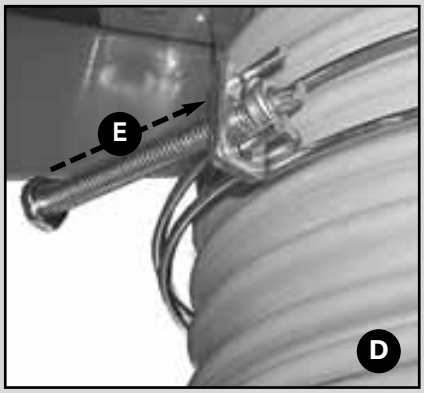
SECURING THE HOSE USING HOSE CLAMPS



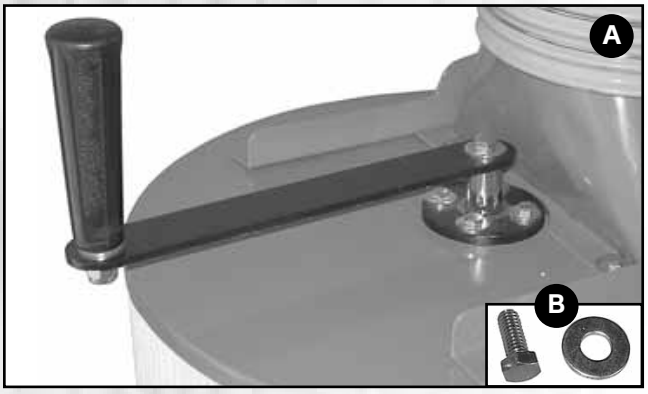
1. Loosen the clamp bolt as much as possible **A** to loosen the hose clamp, then unclamp it by pushing in opposite directions as shown in **B**.



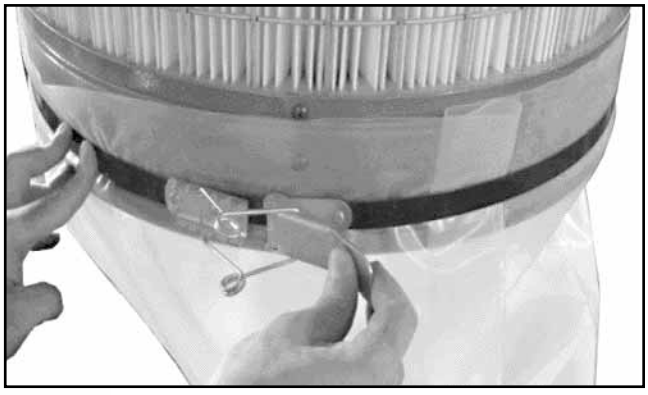
2. Fit the opened clamp **C** around the flexible hose.



3. Re-attach the clamp as shown in **D**, then tighten bolt, **E**, using a Phillips head screwdriver, to tighten the clamp around the hose.

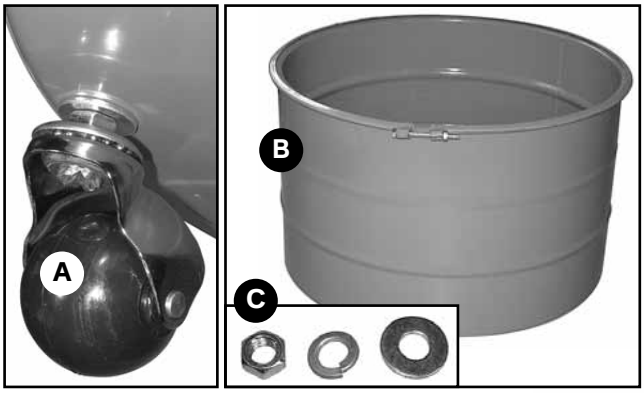


20. Fit the handle on the shaft of the canister filter and secure it in place using a 12 mm bolt and washer **B**, as shown in **A**. Tighten with the supplied 12 mm wrench.

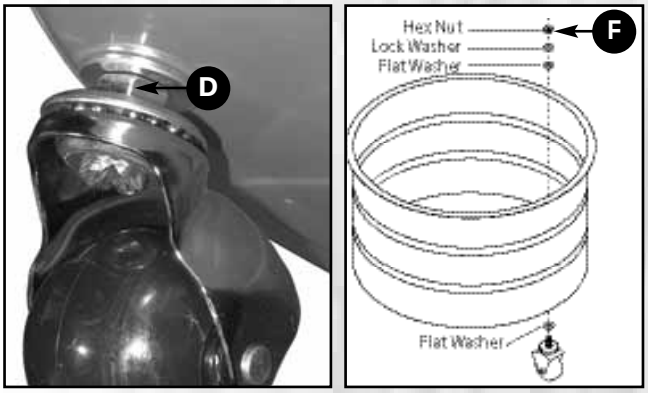


USE CAUTION AND WEAR GLOVES WHEN HANDLING METAL PARTS SUCH AS THE BELT CLAMP, WHICH CAN CUT IF HANDLED CARELESSLY.

21. Fit a plastic collection bag over the bottom of the canister filter and use the belt clamp to hold the bag securely in place, making sure the metal strap is sitting in the groove on the lower portion of the canister.



22. Attach the casters **A** to the bottom of the chip collection drum **B**, using 4 x 14 mm hex nuts, 4 x 14 mm lock washers and 8 x 14 mm flat washers **C**.



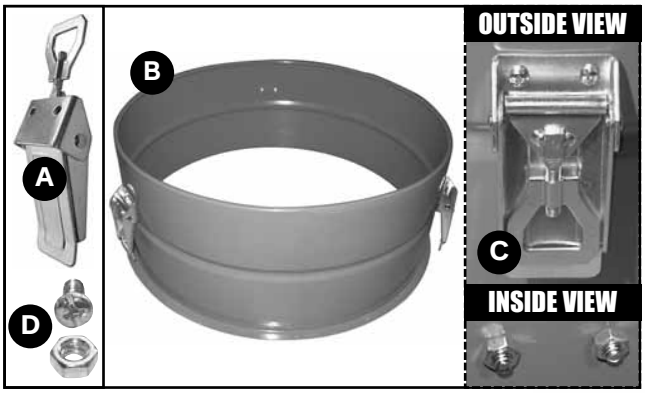
23. Tighten the nuts securely, holding the head of the bolts **D** with the supplied <u>thin</u> 14 mm open end wrench to keep it from turning while tightening the nuts **F** inside the drum, using a regular 14 mm wrench.

2-PIECE COLLECTION DRUM

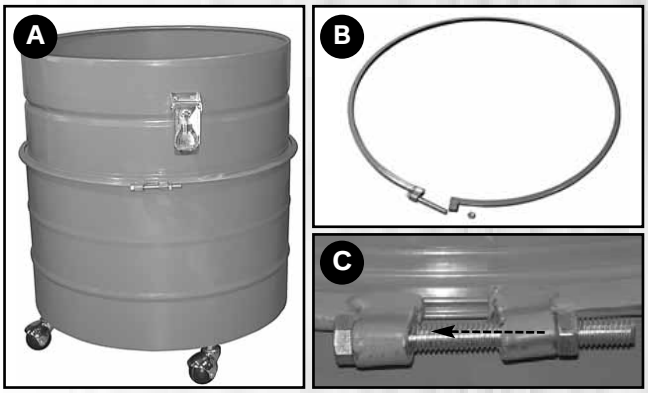
Note: The upper portion of the drum is stored inside the lower portion to save space for shipping. To remove the upper drum from the lower drum:

1. Loosen and remove the nut on the metal belt, then remove the metal belt.

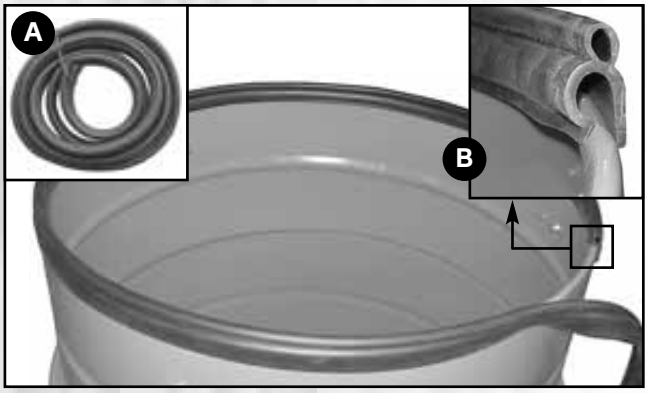
2. Pull the upper drum up and out of the lower drum.



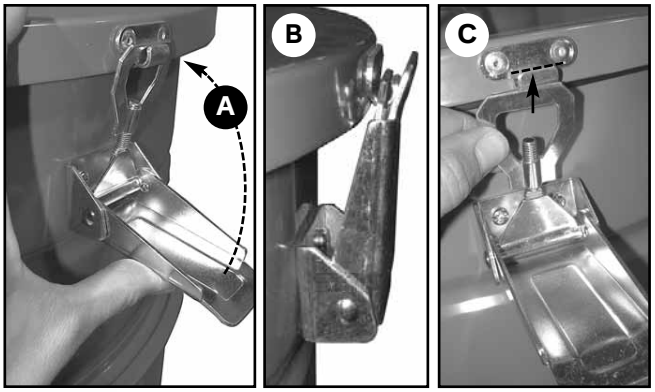
24. Using a small Phillips screwdriver, attach the 3 drum latches **A** to the upper drum **B** as shown in **C**, using the 6 supplied Phillips screws and hex nuts, **C**.



25. Install the upper drum on top of the lower drum as shown in **A** and secure in place with the metal belt **B**. Tighten the nut on the screw to firmly secure the assembly, **C**.

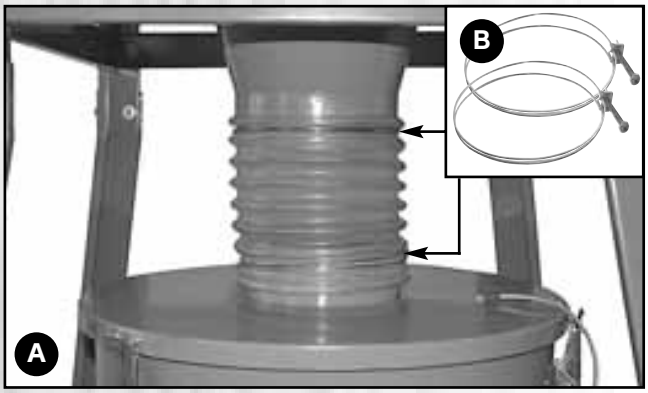


26. Install the rubber seal **A** over the top lip of the drum rim as shown in **B.** Trim off excess seal wih a knife or scissors



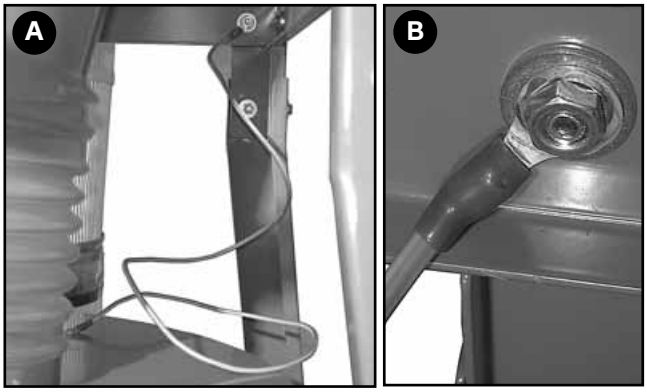
27. Secure the drum lid by clamping the 3 lid latches, up as shown (see **A** and **B**).

Note: If needed, loosen the handle along the threaded shaft so that the handle can reach the hook of the latch, C.

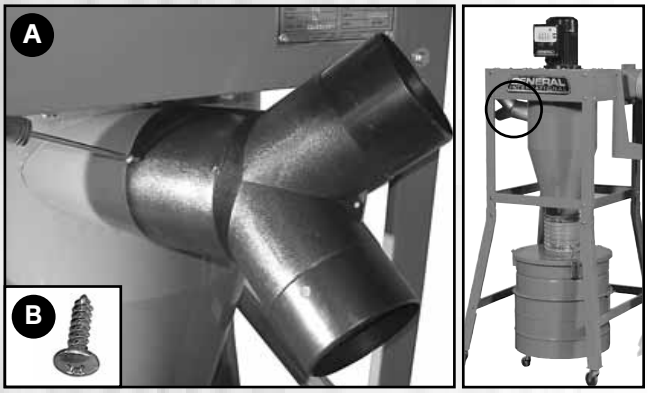


28. Connect the chip collection drum to the funnel port with the 7" flexible hose as shown, **A**.

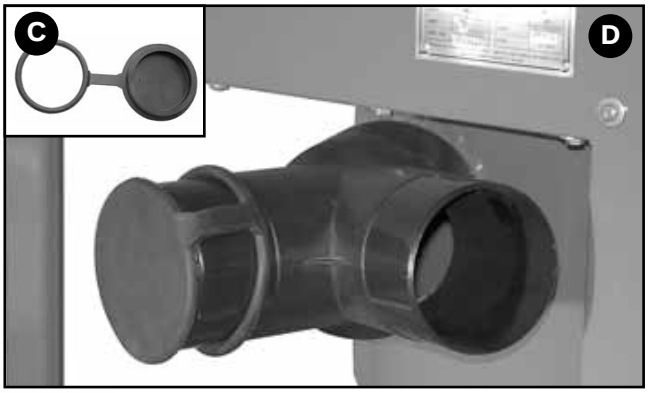
29. Secure in place using the two 7" hose clamps **B**. (If needed, refer back to the gray section on page 14.)



30. Attach the other end of the grounding wire to the stand as shown in **A** (between the flat washer and nut, as shown in **B**.)



31. Attach the dual-inlet "Y" fitting to the inlet as show in **A** using 3 x M4 metal screws, **B**.



Note: If using only one of the two inlets on the "Y" fitting, install the supplied 4" rubber cap, C, as shown in D, to tightly seal the unused outlet opening.

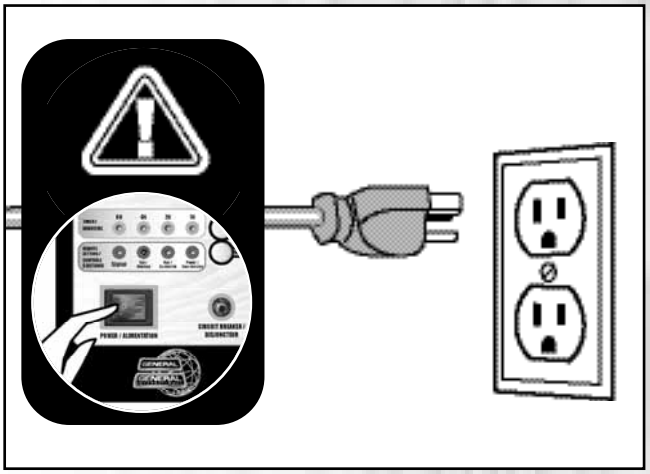
OPERATING INSTRUCTIONS

This **Model 10-800CF M1 Portable 2 Stage Dust Collector** has been designed to capture remove and collect non-metallic dust and wood dust around the workshop and from woodworking machinery and features 15 pre-programmed timer settings in 1 hour increments.

CONNECTING TO A POWER SOURCE

TO REDUCE THE RISK OF SHOCK OR FIRE DO NOT OPERATE THE UNIT WITH A DAMAGED POWER CORD OR PLUG. REPLACE DAMAGED CORD OR PLUG IMMEDIATELY.

TO AVOID UNEXPECTED OR UNINTENTIONAL START-UP, MAKE SURE THAT THE POWER SWITCH A IS IN THE OFF POSITION BEFORE CONNECTING TO A POWER SOURCE.



Once the assembly steps have been completed, plug the power cord into an appropriate outlet. Refer back to the section entitled "ELECTRICAL REQUIRMENTS" and make sure all requirements and grounding instructions are followed.

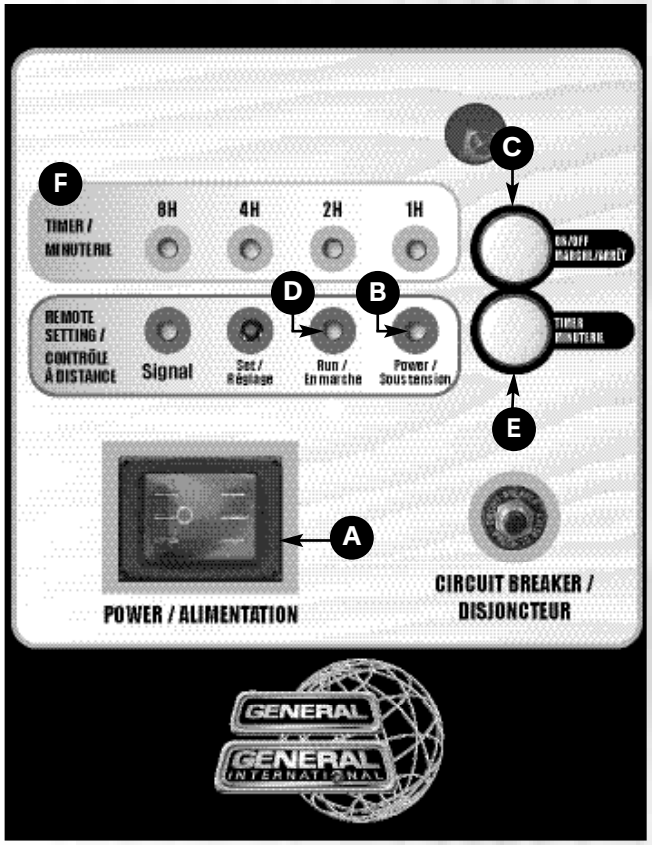
OPERATING THE CONTROL PANEL

With the unit plugged into an appropriate outlet and the "POWER" switch in the "On" position, **A**, the "Power" indicator light **B** will light up, indicating that electrical current is flowing into the machine.

The "ON/OFF" button **C** on the control panel is used to turn the dust collector ON or OFF. When the unit is on, the "Run" indicator **D** will also light up.

With the unit turned on in "Run" mode, pressing the "TIMER" button **E** activates the timer.

Note: the timer feature can only be activated when the unit is turned on with the "Run" indicator lit. When the "Timer" button is pressed once, the dust collector will run for 1 hour. You can increase the programmed run time, in 1 hour increments, with each successive push on the timer button.



The appropriate timer indicator light, or combination of lights, **F**, will light up to show the total number of hours for which the machine is set to run. The machine will automatically stop running at the end of this programmed time period.

If desired, to cancel the timer setting before the completion of the programmed time period, simply turn the unit off, using either the Power switch **A** on the control panel or the START/STOP button on the remote control (see section "OPERATING THE REMOTE CONTROL", on page 18.

ALWAYS TURN ON THE DUST COLLECTOR BEFORE STARTING YOUR DUST PRODUCING MACHINE AND ALWAYS STOP THE DUST PRODUCING MACHINE BEFORE TURNING OFF THE DUST COLLECTOR.

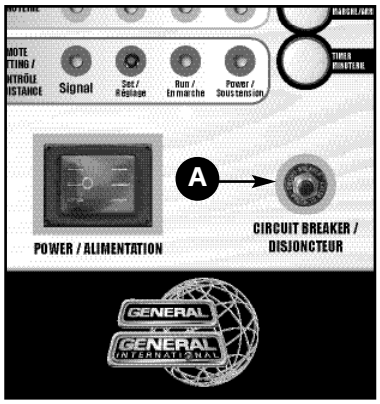
THE SOUND LEVEL OF THIS MACHINE IS RATED AT APPROXIMATELY 80 DB DURING OPERATION. MAKE SURE THAT ADEQUATE HEARING PROTECTION IS USED AND THAT THE OVERALL SOUND LEVEL WITHIN THE WORKING ENVIRONMENT IS TAKEN INTO CONSIDERATION.

CIRCUIT BREAKER

The unit is equipped with a circuit breaker to protect the motor from power surges or spikes in line voltage. In the event of a power surge, the circuit breaker will be automatically tripped thereby cutting off the power to the motor.

TO AVOID UNEXPECTED OR UNINTENTIONAL START-UP BE CERTAIN THAT THE POWER SWITCH HAS BEEN SET TO THE OFF POSITION BEFORE RE-SETTING THE CIRCUIT BREAKER.

To reset the circuit breaker after it has been tripped: set the power switch to the "OFF" position and press the circuit breaker re-set button **A**, then restart the machine.



OPERATING THE REMOTE CONTROL

Note: The remote control requires two AAA batteries (not supplied).

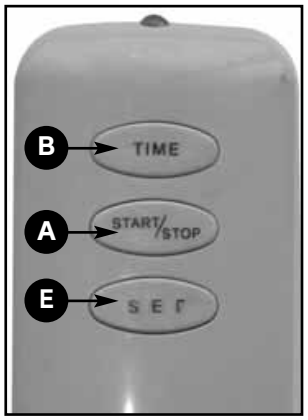
The remote control offers the exact same On/Off **A**, or 1 to 15 hour timer settings **B** as the main control panel on the machine from virtually anywhere in the shop within the line of sight of the machine.

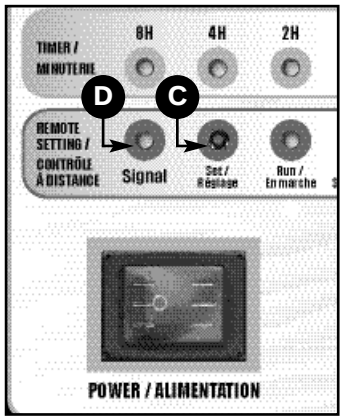
Note: For the remote control to function, make sure that the "Power" switch on the control panel is in the on position and that the power light is illuminated.

Note: For best results, point the remote control towards the control panel on the dust collector.

If necessary, to calibrate the remote control to the control panel on the machine:

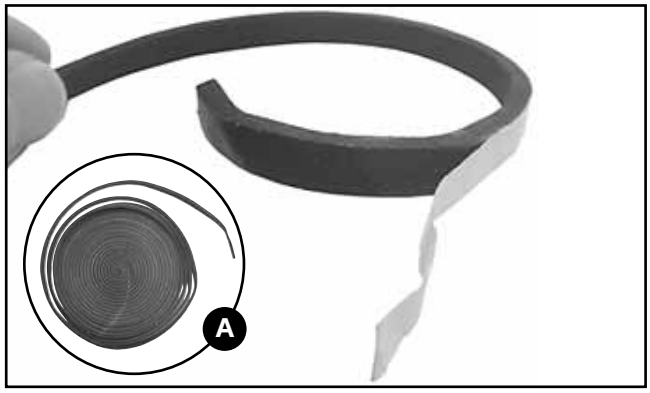
1. On the machine, press and hold the "Set" button on the control panel **C** until the "Signal" indicator light **D** starts flashing.
2. Then, with the "Signal" Indicator light **D** still flashing, press the "SET" button on the remote control, **E**, to complete the setting.





SEAL AIR LEAKS (IF NEEDED)

Basic assembly is now complete and your dust collector is ready to be put into service. Once the unit is hooked up to an appropriate electrical connection, turn on the unit and check for air leaks around the bag or canister filter and between all jonctions. If there is an air leak, peel off the backing of the adhesive foam gasket, **A**, and stick it on any jonction with leakage.



BEFORE STARTING

1. To minimize airborne dust make sure that all hoses, fittings and clamps are secure and airtight.
2. Never operate the machine without a canister filter and plastic collection bag properly installed.
3. For maximum system efficiency, make sure a cover is installed on any unused hose inlet openings.

MAINTENANCE & SERVICING

MAKE SURE THE SWITCH IS IN THE "OFF" POSITION AND UNPLUG THE UNIT FROM THE POWER SOURCE BEFORE PERFORMING ANY MAINTENANCE.

This machine operates on **110 V single phase power**; if you suspect any electrical problems call a qualified electrician to do the verification of the electrical circuit or the machine. If you need further help with your dust collector contact your **General® International** distributor or call our **Technical Support at (514) 326-1161**.

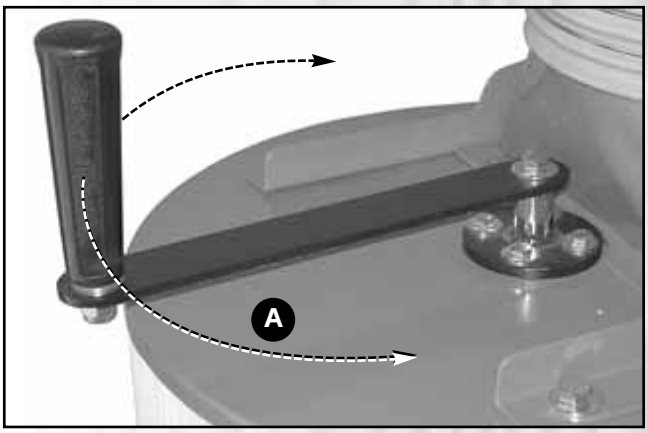
- **All bearings are sealed and permanently lubricated. No further lubrication is needed.**
- **Periodically inspect all hardware, fittings and fasteners that may have loosened due to vibration - retighten as needed.**
- **Keep the outside of the unit clean and wipe off excessive dust or dirt with a dry rag.**
- **Clean the canister filter on a regular basis and replace as needed, or if damaged or perforated.**
- **Periodically inspect inside all pipes, fittings, blast gates, and connectors for accumulated dust build-up or other obstructions and clean as needed. Remove sections and vacuum or manually remove debris as needed.**
- **Check and if necessary replace all damaged parts or components.**
- **Do not operate with a damaged canister filter - replace damaged filter immediately.**
- **Periodically inspect the power cord and plug for damage. If necessary replace the power cord and plug at the first signs of visible damage.**
- **Use only recommended parts and accessories. The use of parts or accessories NOT recommended by GENERAL® INTERNATIONAL may result in a risk of injury or damage to the machine.**

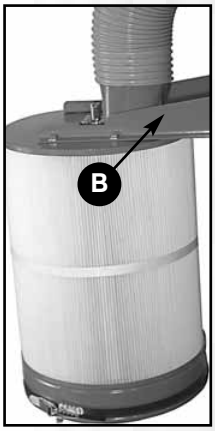
CLEANING OR REPLACING THE CANISTER FILTER

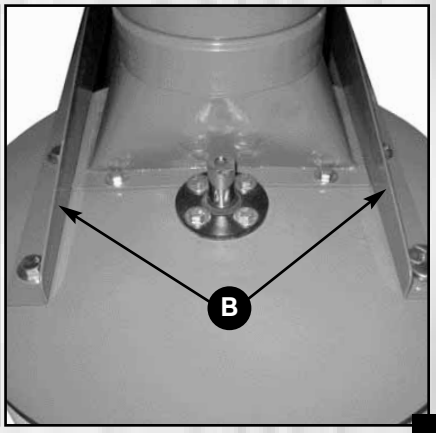
TURN THE SWITCH TO THE "OFF" POSITION AND UNPLUG THE UNIT FROM THE POWER SOURCE BEFORE CLEANING OR REPLACING FILTER CARTRIDGE OR BEFORE PERFORMING ANY MAINTENANCE.

After a period of time depending on the frequency of use, the canister filter may become clogged and affect airflow as well the overall efficiency of the unit. Should you notice a drop in the efficiency or performance of the unit, it may be a sign that it is time to clean the filter. If so, proceed as follows:

1. Turn off and unplug the machine.
2. For basic cleaning, simply rotate the handle on the canister several rotations. The internal flap will rub against the corrugated inner filter and shake free any built-up dust from inside the filter.
3. For a more thorough cleaning, after rotating the handle, detach the canister from its hangers **B** and place it on the ground upside down.
4. Vacuum the inside of the canister to remove any remaining dust from inside.
5. Re-attach the canister to the hangers.







EMPTYING THE COLLECTOR BAG & DRUM

TURN THE SWITCH TO THE "OFF" POSITION AND UNPLUG THE UNIT FROM THE POWER SOURCE BEFORE EMPTYING OR REPLACING THE COLLECTOR BAG OR BEFORE PERFORMING ANY MAINTENANCE.

Note: Depending on your needs, shop situation and local regulations collections bags can be emptied and re-used or disposed (with their contents) and replaced with a new bag.

1. Turn off and unplug the machine.
2. Unclip the bag clamp **A** and remove the bag **B** from the machine, or unclip the drum lid **C** and roll the drum **D** out from beneath the machine.
3. Empty the drum and/or the bag (or simply dispose of the bag and it's contents and replace with a new bag) disposing of the contents in a safe and responsible manner that complies with all local codes and regulations regarding waste disposal.
4. Re-install the drum and/or a bag and re-attach the clamp.

RECOMMENDED OPTIONAL ACCESSORIES

We offer a large variety of products to help you increase convenience, productivity, accuracy and safety when using your Dust Collector. Here's a small sampling of optional accessories available from your local General International dealer.

For more information about our products, please visit our website at www.general.ca

4" x 50' Polyethylene Flexible Hose
#10-130

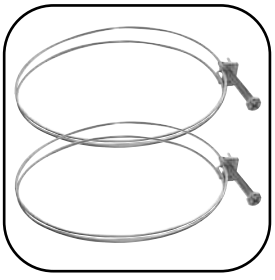
5" x 50' Polyethylene Flexible Hose
#10-135

1 Micron Canister Filter
#10-806

Clear Plastic Collector Bag
#10-819

Electronic Earmuffs
#99-200

Highly efficient noise reduction to help protect your hearing when operating power tools.



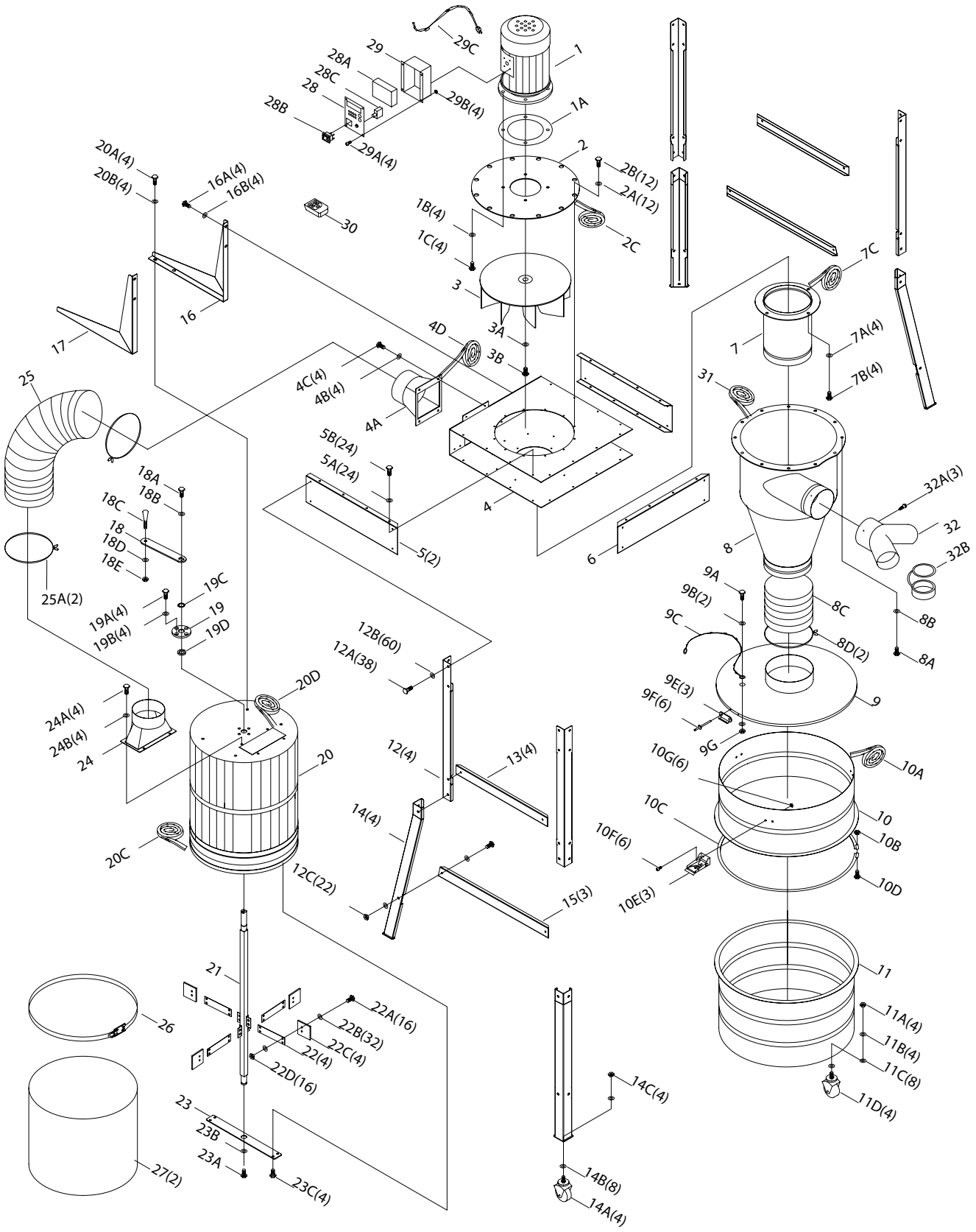
Hose Clamps 4"
#10-089

Hose Clamps 5"
#10-090

Dust Collector Accessory Kit Two Machine Hook-Up
#10-200

(2) 4" x 10' Polyethylene flexible hose.
(1) 4" Universal dust hood outlet.
(1) Table saw dust hood.
(2) 4" blast gates
(1) 4""Y" fitting.
(10) 4" wire bail hose clamps.
(6) Heavy duty clear plastic collector bags.

DIAGRAM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14C(4)
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14A(4)

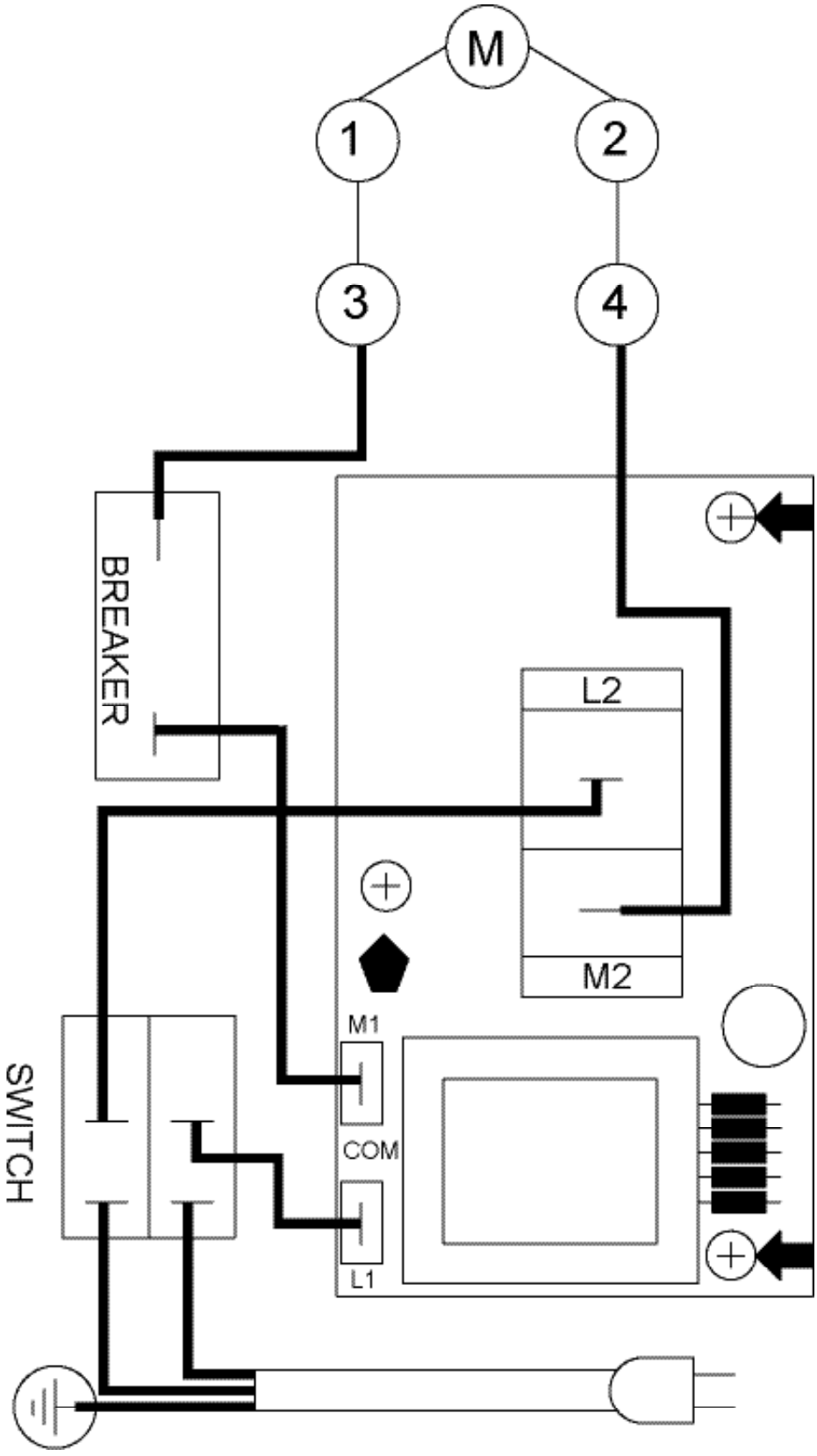
PARTS LIST
10-800CF M1

PART N0.	DESCRIPTION	SPECIFICATION	QTY
10801-01	MOTOR	1.5 HP	1
10801-01A	MOTOR GASKET		1
10801-01B	FLAT WASHER	5/16” x OD18 x 2T	4
10801-01C	HEX HEAD BOLT	5/16” x 3/4”	4
10801-02	MOTOR BASE PLATE		1
10801-02A	FLAT WASHER	1/4” x OD19 x 2t	12
10801-02B	HEX HEAD BOLT	1/4" x 1/2"	12
10801-02C	GASKET	3 x 6mm x1.3M	1
10801-03	IMPELLER	330	1
10801-03A	FLAT WASHER	5/16" x OD30 x 3T	1
10801-03B	HEX HEAD BOLT	5/16" x 3/4"	1
10801-04	BLOWER HOUSING		1
10801-04A	BLOWER OUTLET	Ø 6”	1
10801-04B	FLAT WASHER	1/4" x OD19 x 2t	4
10801-04C	HEX HEAD BOLT	1/4" x 1/2"	4
10801-04D	BLOWER GASKET	3 x 6mm x 0.8M	1
10801-05	BLOWER PANEL-LEFT/RIGHT		2
10801-05A	FLAT WASHER	1/4" x OD19 x 2t	24
10801-05B	HEX HEAD BOLT	1/4" x 1/2"	24
10801-06	REAR BLOWER PANEL	Ø240 x 240L	1
10801-07	AIRFLOW PIPE		1
10801-07A	FLAT WASHER	1/4" x OD19 x 2t	4
10801-07B	HEX HEAD BOLT	1/4" x 1/2"	4
10801-07C	PIPE GASKET	3 x 6mm x 0.8M	1
10801-08	CYCLONE SEPARATOR		1
10801-08A	HEX HEAD BOLT	1/4" x 1/2"	10
10801-08B	FLAT WASHER	1/4" x OD19 x 2t	10
10801-08C	FLEXIBLE HOSE	7" x 18cm	1
10801-08D	HOSE CLAMP	Ø 180 mm	2
10801-09	DRUM LID	Ø 420 x 60	1
10801-09A	PHILLIPS HEAD SCREW		1
10801-09B	SPROCKET WASHER		3
10801-09C	GROUNDING WIRE		1
10801-09E	DRUM LID LATCH		3
10801-09F	POP RIVET	A180-10D-5-2	6
10801-09G	COPPER NUT		1
10801-10	UPPER DRUM	Ø 500 x 200	1
10801-10A	RUBBER SEAL	1.6M	1
10801-10B	HEX NUT	5/16"	1
10801-10C	DRUM CLAMP		1
10801-10D	HEX HEAD BOLT	5/16" x 3"	1
10801-10E	LATCH		3
10801-10F	PHILLIPS HEAD BOLT	3/16" x 3/8"	6
10801-10G	HEX NUT	3/16"	6
10801-11	LOWER DRUM	Ø 500 x 300	1
10801-11A	HEX NUT	3/8"	4
10801-11B	LOCK WASHER	3/8"	4
10801-11C	FLAT WASHER	3/8" x OD23 x 2t	8
10801-11D	2“ CASTER		4
10801-12	UPPER LEG		4
10801-12A	HEX HEAD BOLT	1/4" x 1/2"	38
10801-12B	FLAT WASHER	1/4" x OD19 x 2t	60
10801-12C	HEX NUT	1/4"	22
10801-13	UPPER CROSS BRACE		4
10801-14	LOWER LEG		4

PARTS LIST
10-800CF M1

PART N0.	DESCRIPTION	SPECIFICATION	QTY
10801-14A	3" CASTER		4
10801-14B	FLAT WASHER	3/8" x OD23 x 2t	8
10801-14C	LOCK NUT	3/8"	4
10801-15	LOWER CROSS BRACE		3
10801-16	CANISTER HANGER-1		1
10801-16A	HEX HEAD BOLT	1/4" x 1/2"	4
10801-16B	FLAT WASHER	1/4" x OD19 x 2t	4
10801-17	CANISTER HANGER-2		1
10801-18	SHAKER ARM		1
10801-18A	HEX HEAD BOLT	5/16" x 3/4"	1
10801-18B	FLAT WASHER	5/16" x OD23 x 2t	1
10801-18C	HANDLE		1
10801-18D	FLAT WASHER	3/8" x OD23 x 2t	1
10801-18E	LOCK NUT	3/8"	1
10801-19	BEARING		1
10801-19A	HEX HEAD BOLT	1/4" x 5/8"	4
10801-19B	FLAT WASHER	1/4" x OD13 x 1t	4
10801-19C	C-RING	Ø20	1
10801-19D	SEAL		1
10801-20	CANISTER FILTER (SEE 10-806)	Ø400 x 500L	1
10801-20A	HEX HEAD BOLT	3/8" x 3/4"	4
10801-20B	FLAT WASHER	3/8" x OD23 x 2t	4
10801-20C	GASKET	3/8" x OD23 x 2t	1
10801-20D	GASKET	3x6 mm x 0.8M	1
10801-21	SPINDLE		1
10801-22	FLAPPER ARM		4
10801-22A	HEX HEAD BOLT	1/4" x 5/8"L	16
10801-22B	FLAT WASHER	1/4" x OD13 x 1T	32
10801-22C	FLAPPER		4
10801-22D	LOCK NUT	1/4"	16
10801-23	FLAPPER BASE PLATE		1
10801-23A	HEX HEAD BOLT	5/16 x 3/4"	1
10801-23B	FLAT WASHER	5/16" x OD23 x 2t	1
10801-23C	METAL SCREW	M4 x 12mm	4
10801-24	CANISTER INLET MANIFOLD	6"	1
10801-24A	HEX HEAD BOLT	1/4" x 1/2"	4
10801-24B	FLAT WASHER	1/4" x OD13 x 1t	4
10801-25	FLEXIBLE HOSE (GRAY)	Ø 6" x 510	1
10801-25A	HOSE CLAMP	Ø 6"	2
10801-26	BAG CLAMP	Ø 400	1
10801-27	PLASTIC COLLECTOR BAG (SEE 10-819)	Ø40cm x 60cmx 0.15mm	2
10801-28	CONTROL PANEL		1
10801-28A	IC BOARD		1
10801-28B	SWITCH	TR26	1
10801-28C	BREAKER		1
10801-29	SWITCH HOUSING BOX		1
10801-29A	PHILLIPS HEAD SCREW	3/16 x 3/8"	4
10801-29B	HEX HEAD BOLT	3/16"	4
10801-29C	POWER CORD W/ PLUG		1
10801-30	REMOTE CONTROL		1
10801-31	GASKET	3x6 x1.3M	1
10801-32	Y INLET		1
10801-32A	METAL SCREW	M4 x 15mm	3
10801-32B	4" RUBBER CAP		1

WIRING DIAGRAM



Notes

MODEL 10-800CF M1

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orderdesk@general.ca
www.general.ca

IMPORTANT

When ordering replacement parts, always give the model number, serial number of the machine and part number. Also a brief description of each item and quantity desired.